

Novation MiniNova Synth Features and Specifications

- Hugely powerful mini-synth with UltraNova's sound engine
- Brand new VocalTune and Classic vocoder effects
- Tweak and warp your sounds in realtime
- 256 awesome onboard sounds - instantly searchable
- Layer up to 5 effects per voice
- Comes with editing software and a software patch librarian
- Run guitars and other instruments through the vocoder and effects
- 37 key controller keyboard with MIDI I/O

In the Box

- USB cable
- Power supply
- User manual

Included Software

- MiniNova Software Editor
- MiniNova Patch Librarian
- Ableton Live Lite
- Novation Bass Station softsynth
- Loopmasters sample pack (1GB)

Synth engine

- Up to 18 note polyphony (dynamic voicing)
- Mono-Timbral

Per patch

- 3x oscillators
- 1x noise generator
- 2x ring modulators
- Waveforms include:
 - Square, sine, tri, sawtooth, pulse, 9x saw:pulse combinations.
 - 20x digital waveforms
 - 36x wavetables

Filter types

- 2x filters per patch
- low pass no resonance 6dB per octave
- low pass 12dB
- low pass 18dB
- low pass 24dB
- band pass 6:6
- band pass 6:12
- band pass 12:6
- band pass 6:18
- band pass 18:6

- band pass 12:12
- high pass no resonance 6dB per octave
- high pass 12dB
- high pass 18dB
- high pass 24dB

Modulation sources:

- 20 modulation slots per patch
- 6x envelope generators
- 3x LFOs
- Aftertouch
- Velocity
- Key scaling/track
- Mod wheel
- Expression pedal

Total of 66 Destinations including:

- Oscillator pitch, pulse width, wavetable index, level and sync
- Filter cutoff, resonance, envelope settings
- Effects parameters and send levels
- Recursive modulation (modulating modulation sources themselves)

5 effects slots per patch

- Distortion - up to 2 instances
- Compressor - up to 2 instances
- Chorus/Phase - up to 4 instances
- Delay - up to 2 instances
- Reverb - up to 2 instances
- Gator
- EQ

Misc

- VocalTune
- 12 band vocoder
- Arpeggiator - 33 patterns
- Realtime Arp rhythm editing function
- Chord function - lock up to 10 notes
- Patch storage - up to 384 on hardware (ships with 256 factory patches)

Hardware: Utility, display and patch select controls

- 16 character custom LCD
- 1x large detented patch select encoder
- 1x patch sort switch
- 1x volume dial
- 1x detented data encoder
- 5x navigation/utility buttons
- 2x patch navigation buttons

Keyboard/performance controls

- Pitch wheel (LED lit)
- Modulation wheel (LED lit)
- 37 note keyboard with velocity
- 4x smooth edit/performance pots
- 1x large smooth filter pot
- 1x six position parameter selector switch
- 6x parameter indicator LEDs
- 8x three-colour, back-lit animate/arpeggiator/favourite patch-select buttons
- 2x animate/arpeggiate LED indicators
- 1x back-lit 'hold' button
- 1x animate/arpeggiator/favourite patch toggle switch
- 1x 'favourite' patch select button
- 1x arpeggiator tempo control pot
- 1x arpeggiator tempo indicator LED
- 2x back-lit arpeggiator control encoders
- 2x back-lit octave select buttons

Inputs, Outputs, rear panel

- XLR dynamic mic input
- 1x ¼" jack inputs
- 2x ¼" jack outputs
- 1x ¼" jack headphone output
- Sustain pedal on ¼" jack input
- MIDI in/out
- 12 volt power input
- USB/DC/off power switch
- USB port (MiniNova can be powered via USB)
- Kensington Lock port

Dimensions

- Length: 560mm, 22.04"
- Height: 75mm, 2.95"
- Depth: 250mm, 9.84"